

Figure 5

Approximate Elevations of the Water-Level of the Hickory Aquifer in Winter-Spring of 1987

EXPLANATION

- Qu Quaternary deposits undifferentiated
- Ku Cretaceous rocks undifferentiated
- Oe Ordovician - Ellenburger Group
- Eyu Cambrian rocks younger than Hickory Sandstone Member undifferentiated
- Erh(u) Cambrian - Riley Formation - Hickory Sandstone Member - Upper (Red) Unit
- Erh(m) Cambrian - Riley Formation - Hickory Sandstone Member - Middle Unit
- Erh(l) Cambrian - Riley Formation - Hickory Sandstone Member - Lower Unit
- pCtm PreCambrian - Town Mountain Granite

- Known and inferred fault U, upthrown side; D, downthrown side
- Contour showing approximate elevation in feet of the Hickory water level in Winter-Spring of 1987.
- Location of well with approximate elevation in feet of the Hickory water level measured during Winter-Spring of 1987. E means elevation was estimated.
- Selected location with approximate elevation in feet of the top of the Hickory Sandstone. Elevations obtained from U.S.G.S. 7 1/2 min. topographic maps.
- Approximate location of zero saturated thickness of Hickory Aquifer in 1987. The Hickory Sandstone is not saturated on the triangle side of the line.
- Approximate location where ground-water conditions of the Hickory Aquifer change from water-table conditions to artesian conditions. Artesian conditions of the aquifer occur on the hachured side of the line where the Hickory water-level occurs above the top of the Hickory Sandstone in the Winter-Spring of 1987.

